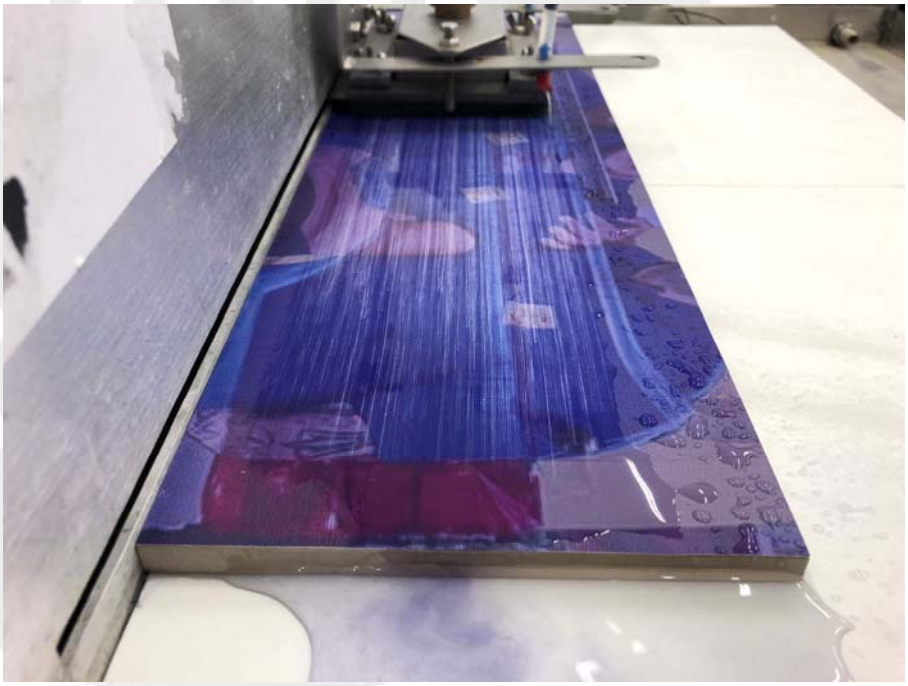
Infrastructure Technologies

Gate 5, 2 Normanby Road, Clayton, Victoria 3168, Australia
Telephone: 61 3 9545 2777 Facsimile: 61 3 9544 1128 Web: http://www.csiro.au
ABN 41 687 119 230

TEST REPORT No. 8234

CSIRO ACCELERATED WEAR TEST (CAWT)

Date	07 May 2019
Requested by	Metamark (UK) Limited 1/361 Nepean Hwy, Parkdale, Victoria 3195
Test Performed by	Khanh Ho
Product Description	MD-MW METAWALK, PVC textured.
Manufacturer	Metamark (UK) Limited
Photo	
Preparation	Deionised Water
Abrasive Pad Used	Scotch Brite (SB) No. 96
Test equipment	GARDCO Washability and Wear Tester (Linear) Model no. D12V Friction Boat 1000gms & 1000mm²

Comment:

The potential wear factor of a tile in situ can be assessed by the CSIRO Accelerated Wear Test (CAWT). The test involves a number of revolutions of a wetted 3M Scotch Brite No.96 pad over the tile surface. The tile is initially tested to AS4856 Appendix A: Wet Pendulum test. One sample is then subjected to 500 revolutions of CAWT and then retested to Appendix A: Wet Pendulum test. Depending on the tile surface the wet pendulum classification may drop to a lower level. This is due to the scrubbing of the tile surface either removing the fine pinnacles on the tile structure or scrubbing the surface smooth.
The CAWT is relevant for tiles that may have a high pedestrian traffic flow or vehicular traffic flow.

AS 4586:2013 Appendix A: Wet Pendulum	Mean SRV	Class	Date Tested
Slider 96, serial #: 87	34	**P2**	6/05/2019
Slider 55, serial #: 11	22	**P2**	6/05/2019

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CAWT TABLE

Revolutions	Pendulum Swings (Slider 96, serial #: 87)					Mean SRV (final 3 swings)	Pendulum Class
	1	2	3	4	5		
0	35	32	32	32	32	32	**P2**
100	45	41	39	38	37	38	**P3**
300	42	38	37	37	36	37	**P3**
500	42	38	37	37	36	37	**P3**

Revolutions	Pendulum Swings (Slider 55, serial #: 11)					Mean SRV (final 3 swings)	Pendulum Class
	1	2	3	4	5		
0	25	24	23	23	23	23	**P2**
100	28	27	27	26	25	26	**P2**
300	24	23	23	22	22	22	**P2**
500	22	22	21	21	20	21	**P2**

Date and Place : 07 May 2019, Clayton, Vic

Name, Title and Digital Signature:

KHANH HO
Technical Officer
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